

Summary

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/533,979
Source: P4710
Date Processed by STIC: 5/13/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/10/533,979

TIME: 15:02:42

Input Set : A:\9052-221.ST25.txt

Output Set: N:\CRF4\05132005\J533979.raw

3 <110> APPLICANT: Stockley, Peter
 4 Adams, Christopher
 5 Bunka, David
 6 Rambaran, Roma
 7 Phillips, Simon
 8 Radford, Sheena
 10 <120> TITLE OF INVENTION: NUCLEIC ACID LIGANDS AND USES THEREFOR
 12 <130> FILE REFERENCE: 9052-221
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/533,979
 C--> 14 <141> CURRENT FILING DATE: 2005-05-05
 14 <150> PRIOR APPLICATION NUMBER: PCT/GB03/004798
 15 <151> PRIOR FILING DATE: 2003-11-05
 17 <150> PRIOR APPLICATION NUMBER: GB0225833.3
 18 <151> PRIOR FILING DATE: 2002-11-06
 20 <160> NUMBER OF SEQ ID NOS: 113
 22 <170> SOFTWARE: PatentIn version 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 50
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: synthetic ligand isolated from library
 32 <400> SEQUENCE: 1
 33 ggacgaagag cggtatctta cgctgactgg atattagttt gttggaatac 50
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 43
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Artificial Sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: synthetic ligand isolated from library
 44 <400> SEQUENCE: 2
 45 tcgttattct gttcaggggtt tgagactcgt tgtatcgatt tag 43
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 41
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: synthetic ligand isolated from library
 56 <400> SEQUENCE: 3
 57 ggcccctata cgaacgtcat cgtactcagc tgttggtgtc c 41
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 47
 62 <212> TYPE: DNA

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/10/533,979

TIME: 15:02:42

Input Set : A:\9052-221.ST25.txt

Output Set: N:\CRF4\05132005\J533979.raw

```

63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: synthetic ligand isolated from library
68 <400> SEQUENCE: 4
69 tttatatcgc ttccacgtgt tttacccaca ccttgtttta gcggtaa          47
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 50
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: synthetic ligand isolated from library
80 <400> SEQUENCE: 5
81 ttaatgacgc tgtacatggg atcgtatagt gccacaggta aatctgcatg      50
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 50
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: synthetic ligand isolated from library
92 <400> SEQUENCE: 6
93 ctgttcttat caagccaaat aaagtactat gccctaaggc ctatatgatc      50
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 50
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: synthetic ligand isolated from library
104 <400> SEQUENCE: 7
105 cgggtgggaaa tatctttggc tggcttagta acttcgtatt tgctcggctg      50
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 48
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic ligand isolated from library
116 <400> SEQUENCE: 8
117 ttgtccattg tatacgatgc gcttcaagga tgatacggct ttcacgca      48
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 50
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: synthetic ligand isolated from library
128 <400> SEQUENCE: 9
129 tcccttagca ggcttcattt ccttgaccat tctttgcgtt gagcctgtct      50
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 50
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/10/533,979

TIME: 15:02:42

Input Set : A:\9052-221.ST25.txt

Output Set: N:\CRF4\05132005\J533979.raw

```

137 <220> FEATURE:
138 <223> OTHER INFORMATION: synthetic ligand isolated from library
140 <400> SEQUENCE: 10
141 aaacgagtat ctttttggga tctttcagct gctagtgcaa tatcatctct      50
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 47
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: synthetic ligand isolated from library
152 <400> SEQUENCE: 11
153 tggtcctgcg accagcagtc aattagggtt tagcacagta gaggcct      47
156 <210> SEQ ID NO: 12
157 <211> LENGTH: 47
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: synthetic ligand isolated from library
164 <400> SEQUENCE: 12
165 cgcgactaac ttgcgtcagt tttgtacggg tgtttagctc cctttta      47
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 47
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: synthetic ligand isolated from library
176 <400> SEQUENCE: 13
177 ttctctcaact tccttcagg tgaacggcgc attaaggtct tgttgat      47
180 <210> SEQ ID NO: 14
181 <211> LENGTH: 50
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: synthetic ligand isolated from library
188 <400> SEQUENCE: 14
189 cagagttaga tggcagctat tgtcgcctaa gtttgcttta tatcatcttt      50
192 <210> SEQ ID NO: 15
193 <211> LENGTH: 50
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: synthetic ligand isolated from library
200 <400> SEQUENCE: 15
201 cggcgcgtcc ctgcaagtca actgtttcct ggctcgcttt acgatacctt      50
204 <210> SEQ ID NO: 16
205 <211> LENGTH: 50
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/10/533,979

TIME: 15:02:42

Input Set : A:\9052-221.ST25.txt

Output Set: N:\CRF4\05132005\J533979.raw

```

210 <223> OTHER INFORMATION: synthetic ligand isolated from library
212 <400> SEQUENCE: 16
213 cgtacacatc aaactttcga atccacagga taatcgagga gatctcctga      50
216 <210> SEQ ID NO: 17
217 <211> LENGTH: 50
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: synthetic ligand isolated from library
224 <400> SEQUENCE: 17
225 ttgtcgcgat actacatttg tctgtctgt gtgtcatacg gaactgtgta      50
228 <210> SEQ ID NO: 18
229 <211> LENGTH: 50
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: synthetic ligand isolated from library
236 <400> SEQUENCE: 18
237 cgcccgtcga tttgaaacac tttcatcgg cgtaaccac ggcgtggaga      50
240 <210> SEQ ID NO: 19
241 <211> LENGTH: 50
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: synthetic ligand isolated from library
248 <400> SEQUENCE: 19
249 cgtaccgcgc tacgttccca taagcgtgca atttgtttgc cttgggttgg      50
252 <210> SEQ ID NO: 20
253 <211> LENGTH: 50
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: synthetic ligand isolated from library
260 <400> SEQUENCE: 20
261 ctttcaaggT ggggataccg agacaattag tcatctgtag tgtgatcagt      50
264 <210> SEQ ID NO: 21
265 <211> LENGTH: 50
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: synthetic ligand isolated from library
272 <400> SEQUENCE: 21
273 tagaagcgtc gaatcattgg gaattcgtgc atttagggca ggcactttgg      50
276 <210> SEQ ID NO: 22
277 <211> LENGTH: 49
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: synthetic ligand isolated from library

```

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/10/533,979

TIME: 15:02:42

Input Set : A:\9052-221.ST25.txt

Output Set: N:\CRF4\05132005\J533979.raw

```

284 <400> SEQUENCE: 22
285 caagcgaaat gtcactgtgt aaggtgtaac agggaacaag ggaggacaa      49
288 <210> SEQ ID NO: 23
289 <211> LENGTH: 50
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: synthetic ligand isolated from library
296 <400> SEQUENCE: 23
297 ggtacttggt ttcggtactt tgggtgctttg ggaccacggt ttgatggtgt      50
300 <210> SEQ ID NO: 24
301 <211> LENGTH: 50
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: synthetic ligand isolated from library
308 <400> SEQUENCE: 24
309 tgcgcggagt ttctatttgt gtatggcggt ccttatctag ggcagacttc      50
312 <210> SEQ ID NO: 25
313 <211> LENGTH: 50
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: synthetic ligand isolated from library
320 <400> SEQUENCE: 25
321 tttgtacagt gctttcgctt gtcttcgcag cgcgctaatt gcttgcgagt      50
324 <210> SEQ ID NO: 26
325 <211> LENGTH: 50
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: synthetic ligand isolated from library
332 <400> SEQUENCE: 26
333 gagctcagtg ggggtcttggg aggttagaag aagtagctat ggctttcgaa      50
336 <210> SEQ ID NO: 27
337 <211> LENGTH: 50
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: synthetic ligand isolated from library
344 <400> SEQUENCE: 27
345 cgtgatagcc cacggtcaag ggtctacgag tcatttggtc ctaacgctgc      50
348 <210> SEQ ID NO: 28
349 <211> LENGTH: 50
350 <212> TYPE: DNA
351 <213> ORGANISM: Artificial Sequence
353 <220> FEATURE:
354 <223> OTHER INFORMATION: synthetic ligand isolated from library
356 <400> SEQUENCE: 28

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/533,979

DATE: 05/13/2005
TIME: 15:02:43

Input Set : A:\9052-221.ST25.txt
Output Set: N:\CRF4\05132005\J533979.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:60; N Pos. 1,20,30,37
Seq#:63; N Pos. 4,10,25,27,29,34,36,37,39,42,45,49,57
Seq#:72; N Pos. 101
Seq#:73; N Pos. 59
Seq#:74; N Pos. 10,20,24,25,28,30,35,40,44,46,54,57
Seq#:77; N Pos. 40
Seq#:78; N Pos. 8,14,34,50,55,60
Seq#:81; N Pos. 15
Seq#:85; N Pos. 5
Seq#:88; N Pos. 10,13,14,24,36,50,52,56
Seq#:91; N Pos. 11,21,33,51,71
Seq#:92; N Pos. 45,59
Seq#:95; N Pos. 12
Seq#:96; N Pos. 7,8
Seq#:97; N Pos. 29,48
Seq#:99; N Pos. 4,11
Seq#:100; N Pos. 17,18,45
Seq#:102; N Pos. 19
Seq#:103; N Pos. 17,56
Seq#:104; N Pos. 11,46
Seq#:105; N Pos. 25
Seq#:107; N Pos. 45
Seq#:110; N Pos. 21

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,979

DATE: 05/13/2005

TIME: 15:02:43

Input Set : A:\9052-221.ST25.txt

Output Set: N:\CRF4\05132005\J533979.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
L:988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:60
L:1008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
L:1076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
L:1118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0
L:1161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:1203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
L:1329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
L:1391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:0
M:341 Repeated in SeqNo=91
L:1416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0
L:1458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:0
L:1476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:0
L:1499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:0
L:1536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:1559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:0
L:1593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:0
L:1616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0
L:1639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:0
L:1659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:0
L:1689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:0
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:0